boudward by the action ocher, mil of truey and stone or chield be les An iteality of the par and to the air after Inaugural Defoutation Dropsy By Samuel Shuman By Indian 1. Brokery -2 Brokey. Bascitis -Baseites - Hagers Jown, Mary lands 5 Thy brue: state of fund - 1816 -6 Hydrac: acutes paped March 22 1816 y Diabetis O Diabeter -

to take of the plan of take the A caus of the or to ate to the prod oumptio mo dicin ficulty or which he authors of It is my design in the exceeding pages to take a short retirepect of the workings promulyation by the purchased without on who have written on that form of disease denominated Dropey. I shall then take the likely of addresing my own spirition as to the course which constinues occasion dispriscal apprecions, and finally terminate with a description of the method of our founded upon what I constring the theoretical principles.

"As this subject has been discaped by manyliquet the phonomena and an opport to account for the phonomena and an opport to account for the phonomena of exceptly, may be considered as from comption in me, a more howing in the science ofmedicione. The only apply I have to open in the dipplicately a almost impossibility of selecting a subject which has not received clinication from the pens of anthors of acknowledges to least any justly required

of this a aschew . total co. mould I author if quiable Budency. played a away. the body" a of by the & a liberte

I shall now proceed to eyamine the theory of this disease astronght by Dr. Callen. In allenpling to controver the opinions of eminant and illentrinis to controver the principal great dispeture, the natural concomitant of youth and superpresence, our should I at this time have presented to become an such or of its own not maispensably needy any. It however, correct theories in medicine are always desirable, of the endrogenest observation have any tenerally, of the endrogenest observations have any tenerally, that end I shall theigh the time emaphages in writing them, not critically thrown

D' Callen says "in persons in health, a server or watery fluid rums to be constantly from our wit, or sphaled in vapour into weig with of the body "and," this fluid seems benefaulty to be soon again absorbed from there by referts adopt and to this purpose. The language her made use of by the Bappage is continuely exceptionable.

That a The пропес on has ex out e deopry trutted; a greater That a plant is efforced into every cavity of the human body no purson pertends to doubt, but that this fluid is exhaled in the form of capour appears to me very ambiguous.

The perspeakle maller was for a long line supposed to be an explainting from the capillation of the shim, this opinion is new generally laid of the shim, this opinion is new generally asserved than has been almost universally adopted. It is to me agually obvious that the fluid poursed out into the different earlies, for the purpose of laterialing their surfaces, is a seculion and

D' Cullen then very properly states that "droppy may be impulted to an increased offen sion, or to a diminished absorption".

The increased experien is often occasioned by the circulation in the venous system being obstructed, in this instance the blood is exposed a greater length of time to the action of the capillar of the low lingt

4

exited from it. Nature has wisely provided something analogous to this in the structure of the liver; the voint returning the blood from the vena portarum, which after entering the liver is divided and subdivided after the mana ner of an artery, the circulation of course is slow and the blood retained a considerable length of time in this organ. The tardy mos tion of the blood through the liver is very a large quantity of which is daily expended in the process of digestion; this object could made from arterial blood as in other glands.

For most prequent cause of obstruction given to the intern of the venous blood is a scinhority of the liver or spleen produced by intemperance in the use of ardent spirits or al, he

3

by long continued intermittants from, has a tentacy when improperly treated in the commencement, and desposes awing to this state of the viscous are of the most obdinate nature, and offer incurable.

"On of the most prequent causes of on increased exhalation" rays D'butten "I appretune to be a layity of the exhalant report."

This layely of the exhalants as he terms it, he imagines occurs in the wave of general activities of the accomplished of the explaints. Which so often accomplished of the expressions. That droppy is some times covering to debility is unquestimate, but, that the proprimate cause is a layely of the capitlaries is in my opinion undoubtedly for exercise. I would ask if debility, and a layer sty of the capitlaries as the cause of the in a covered effection in droppy, why does not an effusion of prespicable matter occur in the cold tage of intermitting fover? in this instance the

suster dibili but, is of the 6 vic for very o Ar di not to 11

system is labouring under every symptom of debility, and consequently according to I bullen idea a lay ity of the or halant ought to opict, but is the perspiration increased in this stage of the disease I estainly not.

It may be said in abjection to the and bove observations, that in the latter stage of given and evidence in the same of grown and evident a chility in every other part of the body, a cold sweat free agreement, because out immediately preceding, the dispetition of the patient; this sweat he would attribute to abject in and not to a laying of the cularious capitlains, the waporation from the thin is likewise dimensional and in a consequence of the advence of had; the recipacy assult of diminished a ction thought out the system.

We must then apreibe the origin of dropsy, areompanied with debility and unattended with

serben a less a 200 an in wyen nouch words sanga courses agritoria cohious Nadi

from to some diener other than a layily of the secretary, organs, this cause I imagine to be an exercise action or total paralyses of the absorbent, whilst the secretion is going on this in a layer of the secretary of the sec

The other causes mentioned by D' Culton as sometimes producing deopsy, I will pass by in sitence.

The theory of every being a disease instanced by a morbid expectionent and preter a matural and expection of the activate system, as advanced and obly supported by D. Rush is optimisty injurious and undoubtedly concid. That too much action in the bloodentyself or in office word, that four with expects of action in the word, that four with expects of action in the sanguigarous system, should also expected an increased action of the glandulose or securing, system of internal members and of course all copious securities of their expective fluids, we can read in a consistency of their expectation of these securities.

repros with the co tisp D' Rush does not allempt to applain the production of alone despris, a such as an alterdade with a justice montried action in the arteries, he merely mentions their

Those cases of dropsy may be accounted for in the following manner; during the pre = valonce of debility in every part of the body an accumulation of excitability takes place, particularly in those organs which have been in constant exercise and at the same time apposed to the variations of the almosphere. The vepels on the surface of the body of course recover from their torpid state first, and act with increased energy; on the contrary the heart and arteries continue in a state of topor, and as the excitability is expended by the cutaneous capillaries an accumulation of it is prevented in those parts; this state of the system constitutes typhus fever.

The capitanies of the internal membranes or these of a practicular membrane, as of the period teneum for instance, next take on inscended as a their and the secretion thing greater than usual mark the action of the absorbents is not much inscended, a collection of flexibility exist between the capitanies of this shin and then of the internal membranes; but whether their is the case or when the thing of the within the case or when the thing at with more energy in consequence of an accumulation of excitability I am not prepared to say, certain it is, however, that an

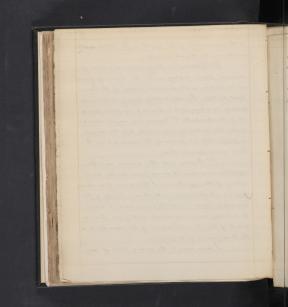
D' Rush libraries says," dropries are often connected with a certain intermediate or maybe action in the arterial system, analogous to the typhoile action which takes place in cer-sain powers." In these cases particular attention must be passe to the symptoms, and addictaction a stimulation remedies administrated according a stimulating remedies administrated according

to the prevalence of too much or too little excites

D'Darwin in his general division of socialists, placed of exercise a initiation with decreased action of the absorbant system. In additionating designs, individualism nately, to a deficient action or a complete paradya sis of the absorbant, D'Darwin has enquisionably, exercis, this extaintly is one cause, but the diseases in preparatly produced by the causes which I have advoce encouraged.

D' Brown call this disease an arthonic aspection and says it arises from layily and along of the capitlacies. I think we have shown beyond all shadow of doubt that a layily of the seeming repets is not the cause, and in cases of debitty unaccompanied with four, that a want of lone or a paralysis of the absorbents is the true source of dropsy.

I come now to the second part of my,



dissolution viz, to hazard my own opinion con-

Collections of watery places in the disperent contiles of the long may sentence occur independently of the course which I have already, recitive, Before I on dianous to explain the manner in which desprey is produced under these concernstances, I will be glear to direct the attention of the radie to the phinomena of some other deserves.

De Sarsien in his encircinable work one telled Joenamia says diabetes is produced in the following manners when the armany lymphatics in most their motions and pour their influent contents into the leader, some after branch of the absorbert system arts with greater energy to apply this fluid. If this the intestinat branch, the objections diabete is produced if it is the content or putmonary branch, the agreement in beater is produced in the cellular or beater is produced in great if it is the cellular or

When the operation of paraceutosis is pagamen in cases of areits accompanied with general answarce it is not conversal for the fluid to pap from the different parts of the body to the abdominal cavity, this is another proof of the retiograde action of the partioneal tymphatics, the collection takes place as endancy that it would be impossible for the fluid to be absorbed and can ried into the circulation and then seems ted by the abdominal capillaries.

jug

of be

tis

ot unusual Gerent parts a be impos propriety suppose that the same thing happens

cystic branches the mucilaginous diabates." When drastic catharties are administered the lactuals invert their motions and an immense quantity of fluid is conveyed into the intertines. If a retrograde action of the obsorbents occurs in those organs (the bladder and intertines) which & think no person will doubt, we may with equal

in other parts of the body. " Remember Man, the Universal Course

And not by partial but by general laws." I am of opinion that desprical affections are frequently produced precisely on the same principle; the motion of the absorbent repels which open into the cavity of the abdomen, for example, becomes retrograde in consequence of debitity, all retrograde motions being the effect of debiz lity in the part, brought on by defect or except of stimulus or from deficient initability. The refluent contents of the absorbents, in this instances,

syst

oth

1.

are powed into the abdomen, occasioning the disease turned ascites.

Some other branches of the absorbent system act with increased vigour by reverse system act with increased vigour by reverse systems. There are most commonly the extlustant and minary branches. This also accounts for the experience consociation attendant on dispay, the fluid deposited in the cysts of the cellular membrane is absorbed and carried to the abdominat lymphatics or those of some other cavity, many the continues it is conveyed by a site of grade most of the cavity having its lymphatics thus evidence into the cavity having its lymphatics thus investige.

The destrine which I have attempted to establish is only applicable to day oppis that are confused to a particular country when the system is likewise appeter with general anospace are must didne their origin from universal debility and topar of the absorbant

vepels

Much yet remains to be explained concerning the influence of the utergrade motions of the absorbed system in the pro-a duction of the absorbed on yet in interest on account investigation of this interest subject, until one proportion of the laws of the animal economy is enlayed through the medium of an along at the angle the medium of an along.

I will now conclude this imperfect expay with a brief inumeration of the demedies

Las dration.

The strictest attention should be paid to the state of the paid to the state of the paid to the state of the various forms of date our medicines to the various forms of cooping. How many patients have been harled into the stands by the megligenee of physicians to this point? while presections for the name to this point? while presections for the name

of a disease they have entirely forgotten to at . tend to the state of the system.

If upon examination it appears that an indusated or scinhous state of the liver or spleen, interrupting the free circulation. of the blood, is the cause of the direase, the indication is to remove this impediment to the circulation. The medicines which popsess most efficacy in this species of dropsy are the dif ferent chalybeate preparations and mercury; the latter given in quantities sufficient to excite a salivation has prequently performs ed cures, Catharties are also extremely sero viceable. Those articles turned directies must not be neglected, especially nitre, occam of tartar, equills, digitalis and tincture of can a Tharider.

When we have reason to suspect a paralysis of the absorbent system as the cause of droppy we must endeavour to excite that

the u the 6 by the the a the a system of respects into action by the cyclibia thou of tenie and attinutant medicine, such as metallic towner, personan back, opium, colombo, polyala seneka, electricity, and the secretion of mine is also to be promoted by the use of directions.

The treatment of atonic dropsy is in every respect similar to that for dropsy occasioned by debility or paralysis of the absorbate,

The remadice for drapsical effections produced by except of action in the actional system, are such as diminish the under excitement in of the effect friend. The first which I shall mention is blood litting, this when indicated by the fuels is equally as meeting as in passes moured or my other inflamatory affection. In the same proportion as we reduce the action of the advantage of the investment of the action of the advantage of the says to have known

droppy completely enerd by this remedy alone. Emoties and naurealting madicines on active very officeariers in relicions this disease. I write of the factories of the operation of emoties the lactories phanties of the stomach are inverted pour oing their contents into their organs, some other branch of the absorbent system acts with increased energy to supply this fluid and a general energy to supply this fluid and a general energy to supply this fluid consequence. The same thing (an increased absorption) occurs when digitals, spealls, or other naurealing drugs are administered

Junger have likewise been used with the most beneficial result in this species of disprey. Topper tailvile of polars, Salaps, Gambogs and Calomed have been most generally weed; of their I think a combin mation of Salap and Gream of tarlar is to be preferred, but excam of tartan used in conjunction with Camboge has preme successful in many instances, Large quantitaties of diterents containing a portion of this sath have been of evident advantage in the hands of Fir George Baker and other practitioners. D' Louise of Monchester in England recommends very highly the use of Elaterium in dropsies goneally, but more plateticlarly in Hydrotheropy in very small doses it operates powerfully as a cathactic.

The action of catharlies like emelies produces a retiregrade motion of the lace teals, and the absorbents acting more power inputly, at the same time by sympathy, carry their contents to the intestinal absorbents through which it is reguestive

ted into the intertines.

If dropsy ever originates as I have conjectured by a retrograde action of the

absorbents, the most opportual remedies will be emetics, nauscaling medicines and passe teinbacky punger. The object of these medicines would be to produce a natural and heatthy action of the repets conserved in causing the effusion, by creating a retrograde motion of the lactback, a general law of of the tactback, a general law of of the tactback, a general law of afectives on invested motions being when a distantipart takes on invested into the which it sympathings crass.

